ST8-HB2 10 W/830 600 mm

SubstiTUBE Basic | Tubular LED lamps

Areas of application

- Cooling and storage rooms
- Corridors, stairways, parking garages
- Ideal for simple lighting tasks

Product benefits

- Quick, simple and safe replacement without rewiring
- Low maintenance costs thanks to long lifetime
- Energy savings of up to 65 % (compared to T8 fluorescent lamp on CCG)
- Instant-on light, therefore ideally suitable in combination with sensor technology
- Maximum resistance to switching loads
- Correct operation even at low temperatures

Product features

- LED alternative to classic T8 fluorescent lamps in CCG luminaires
- Uniform illumination
- Wide beam angle: 160° x 120°
- Integrated ECG with high power factor
- Mercury-free and RoHS compliant
- Type of protection: IP20

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Technical data

Electrical data

Rated luminous flux	900 lm
Nominal wattage	10.0 W
Rated wattage	10.00 W
Nominal voltage	220 V
Operating frequency	50…60 Hz
Nominal current	0.047 A
Power factor λ	> 0.90

Photometrical data

Light color as per EN 12464-1	Warm White
Color temperature	3000 K
Nominal luminous flux	900 lm

Light technical data

Beam angle	160 °
Starting time	< 0.5 s
Warm-up time (60 %)	< 0.50 s
Rated beam angle (half peak value)	160.00 °

Dimensions & weight

Overall length	603.2 mm
Length	603.2 mm
Tube diameter	27.5 mm
Base diameter	27.5 mm
Product weight	100.00 g
Maximum diameter	28.0 mm

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Temperatures

Ambient temperature range	-20…+45 °C
Temperature range in operation	-20…75 °C
Temperature range at storage	-20…80 °C

Lifespan

Nominal lamp life time	40000 h
Rated lamp life time	40000 h
Lumen main.fact.at end of nom.life time	0.70
Number of switching cycles	200000

Additional product data

Base (standard designation)	G13
Mercury-free	Yes
New article	NEW

Capabilities

Dimmable	No

Certificates & standards

Standards	CE
Energy efficiency class	A
Energy consumption	13 kWh/1000h

Country specific categorizations

ILCOS	DR-10/830-G13-27.5/590
Order reference	ST8-HB2-090 10W

Logistical Data

Product code	Product description	Packaging unit (Pieces/Unit)	Dimensions (length x width x height)	Volume	Gross weight
4052899922471	ST8-HB2 10 W/830 600 mm	Shipping carton box 25	726 mm x 191 mm x 207 mm	28.70 dm^3	4456.00 g

The mentioned product code describes the smallest quantity unit which can be ordered. One shipping unit can contain one or more single products. When placing an order, for the quantity please enter single or multiples of a shipping unit.

References / Links

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For current information see

- www.osram.com/substitube

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